

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An information-recording apparatus for recording digital information in an information-recording medium in accordance with a recording format in which two types of information-recording lengths exist, said digital information including image information having a first information-recording length and audio information having a second information-recording length, said second information-recording length being shorter than said first information recording length, the information-recording apparatus comprising:

a recorder for recording the image information and the audio information in said information-recording medium,

wherein the recorder records a servo control signal between a recording portion of the image information having the first information-recording length and a recording portion of the audio information having the second information-recording length, said servo control signal serving as a reference during reproduction of said image information and said audio information, and

wherein the recorder records the servo control signal after the image information having the first information-recording length and before the audio information having the second information-recording length.

2. (Currently amended) An information-recording method for recording digital information in an information-recording medium in accordance with a recording format in which two types of information-recording lengths exist, said digital information including image information having a first information-recording length and audio information having a second information-recording

length, said second information-recording length being shorter than said first information recording length, said method comprises the steps of:

recording said image information and said audio information in said information-recording medium; and

recording a servo control signal between a recording portion of the image information having the first information-recording length and a recording portion of the audio information having the second information-recording length, said servo control signal serving as a reference during reproduction of said image information and said audio information,

wherein the servo control signal is recorded after the image information having the first information-recording length and before the audio information having the second information-recording length.

3. (Currently amended) An information-reproducing apparatus for reproducing digital information from an information-recording medium having a recording format in which two types of information recording lengths exist, said digital information including image information having a first information-recording length and audio information having a second information-recording length, said second information-recording length being shorter than said first information recording length, said information-reproducing apparatus comprising:

a reproducer for reproducing said image information and said audio information from said information-recording medium,

wherein said reproducer reproduces a servo control signal between a recording portion of the image information having said first information-recording length and a recording portion of the

audio information having said second information-recording length, said servo control signal serving as a reference during reproduction of said image information and said audio information, and

wherein the reproducer reproduces the servo control signal after the image information having the first information-recording length and before the audio information having the second information-recording length.

4. (Previously presented) The information-reproducing apparatus as claimed in claim 3, further comprising correction processor for sequentially correcting said image information having the first information-recording length and said audio information having the second information-recording length, said first and audio information being reproduced by said reproducer.

5. (Currently amended) An information-reproducing method for reproducing digital information from an information-recording medium having a recording format in which two types of information recording lengths exist, said digital information including image information having a first information-recording length and audio information having a second information-recording length, said second information-recording length being shorter than said first information recording length, said method comprising the steps of:

reproducing said image information and said audio information from said information-recording medium; and

reproducing a servo control signal between a recording portion of the image information having said first information-recording length and a recording portion of the audio information

having the second information-recording length, said servo control signal serving as a reference during reproduction of said image information and said audio information,

wherein the servo control signal is reproduced after the image information having the first information-recording length and before the audio information having the second information-recording length.

6. (Previously presented) The information-reproducing method as claimed in claim 5, further comprising the step of correcting the reproduced image information having said first information-recording length and the reproduced audio information having said second information-recording length sequentially.

7. (Canceled)

8. (New) The information-recording apparatus as claimed in claim 1, wherein a gap portion between the recording portion of the image information having the first information-recording length and the recording portion of the audio information having the second information-recording length, and a recording portion of the servo control signal is utilized as a signal-processing space required for carrying out error correction processing during reproduction of said image information and said audio information.

9. (New) The information-recording method as claimed in claim 2, wherein a gap portion between the recording portion of the image information having the first information-recording

length and the recording portion of the audio information having the second information-recording length, and a recording portion of the servo control signal is utilized as a signal-processing space required for carrying out error correction processing during reproduction of said image information and said audio information.

10. (New) The information-reproducing apparatus as claimed in claim 3, wherein said reproducer reproduces a gap portion between the recording portion of the image information having the first information-recording length and the recording portion of the audio information having the second information-recording length, and a recording portion of the servo control signal is utilized as a signal-processing space required for carrying out error correction processing during reproduction of said image information and said audio information.

11. (New) The information-reproducing apparatus as claimed in claim 10, further comprising correction processor for sequentially correcting said image information having the first information-recording length and said audio information having the second information-recording length, said first and audio information being reproduced by said reproducer.

12. (New) The information-reproducing method as claimed in claim 5, wherein a gap portion between the recording portion of the image information having the first information-recording length and the recording portion of the audio information having the second information-recording length, and a recording portion of the servo control signal is utilized as a signal-

processing space required for carrying out error correction processing during reproduction of said image information and said audio information.

13. (New) The information-reproducing method as claimed in claim 12, further comprising the step of correcting the reproduced image information having said first information-recording length and the reproduced audio information having said second information-recording length sequentially.